

Abstract

A proximity switch which operates according to an inductive or capacitive action principle and contains a LC tuned circuit and a dynamically connected amplifier, and in which the approach of a suitable influencing element or article changes at least one oscillation parameter, the operating state of the amplifier being changed when the article does not reach a certain distance to the tuned circuit, the oscillation not however being interrupted with reaching the operating point. The proximity switch (1), likewise contains display elements (5) which are able to signal the presence of influence on the tuned circuit before the operating point or value of the amplifier is reached.